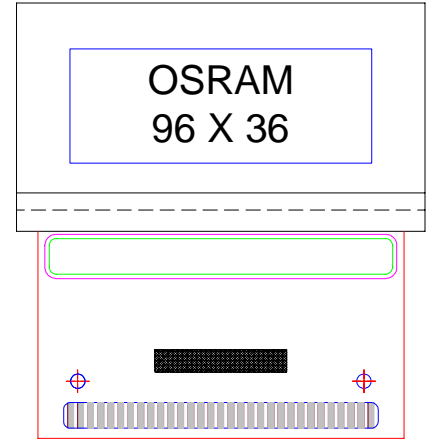


# OLED DISPLAY SOLUTIONS

# Pictiva™ 1.0-inch 96x36 display OLED



OS096036PN10MXXB10

## Features:

- RoHS Compliant
- White, Blue, or Area Color options available
- Low-power consumption for battery-powered devices
- 180° viewing angle

## Benefits:

- Attractive appearance in White or Blue
- Low-cost graphic solution
- Ultra-thin structure suits mobile devices

## Applications:

- Mobile Phone sub-display
- MP3 player
- Mobile consumer devices

## Specifications:

Display Format	96 Columns x 36 Rows				
Diagonal	1.0 inch				
Pixel Pitch	0.22 x 0.22 mm				
Color, Luminance, & Lifetime	Color Options	CIE x	CIE y	cd/m <sup>2</sup>	Lifetime hrs, 25°C
	<b>Elegance Yellow</b>	0.46	0.54	100/200*	40K/10K*
	<b>Lime Green</b>	0.36	0.63	120	10K
	<b>Tiger Orange</b>	0.63	0.37	50	10K
	<b>Galaxy White</b>	0.33	0.33	60	TBD
	<b>Ocean Blue</b>	0.14	0.17	30	TBD
Grayscale	1 or 4 bit				
Active Area	21.1 (W) x 8.0 mm (H)				
Module Size	28.6 (W) x 17.26 (H) x 1.7 mm (T) TAB FOLDED				
Viewing Angle	180°				
Contrast Ratio	2000:1 dark ambient				
Temperature	-30°C to +70°C Operating				
Voltage	2.4 – 3.5V (Logic), 12V typical (OLED Supply)				
Power Consumption	0.05mW (Sleep Mode)				
Interface	Parallel or Serial, TAB interconnect				
Driver	SSD1303 (1-bit), SSD0323 (4-bit) on TAB				
Weight	1.6g nominal				

\* High Brightness Setting

### Contact Information:

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 version:072905v1

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# Ordering Information:

Osram Part Numbers:

1-bit	4-bit	
Part # Order #		Description
OS096036PN10MW0B10 Q65110A4001	OS096036PK10MW0B10 TBD	Pictiva™ 96x36 Galaxy White OLED Display
OS096036PN10MB2B10 Q65110A4000	OS096036PK10MB2B10 TBD	Pictiva™ 96x36 Ocean Blue OLED Display
OS096036PN10MY0B10 Q65110A3999	OS096036PK10MY0B10 TBD	Pictiva™ 96x36 Elegance Yellow OLED Display
OS096036PN10MG1B10 Q65110A3998	OS096036PK10MG1B10 TBD	Pictiva™ 96x36 Lime Green OLED Display
OS096036PN10MO1B10 Q65110A3997	OS096036PK10MO1B10 TBD	Pictiva™ 96x36 Tiger Orange OLED Display

# Mechanical Dimensions & Pin Description:

